

Program EVALPLOT
(Version 2018-1)

by

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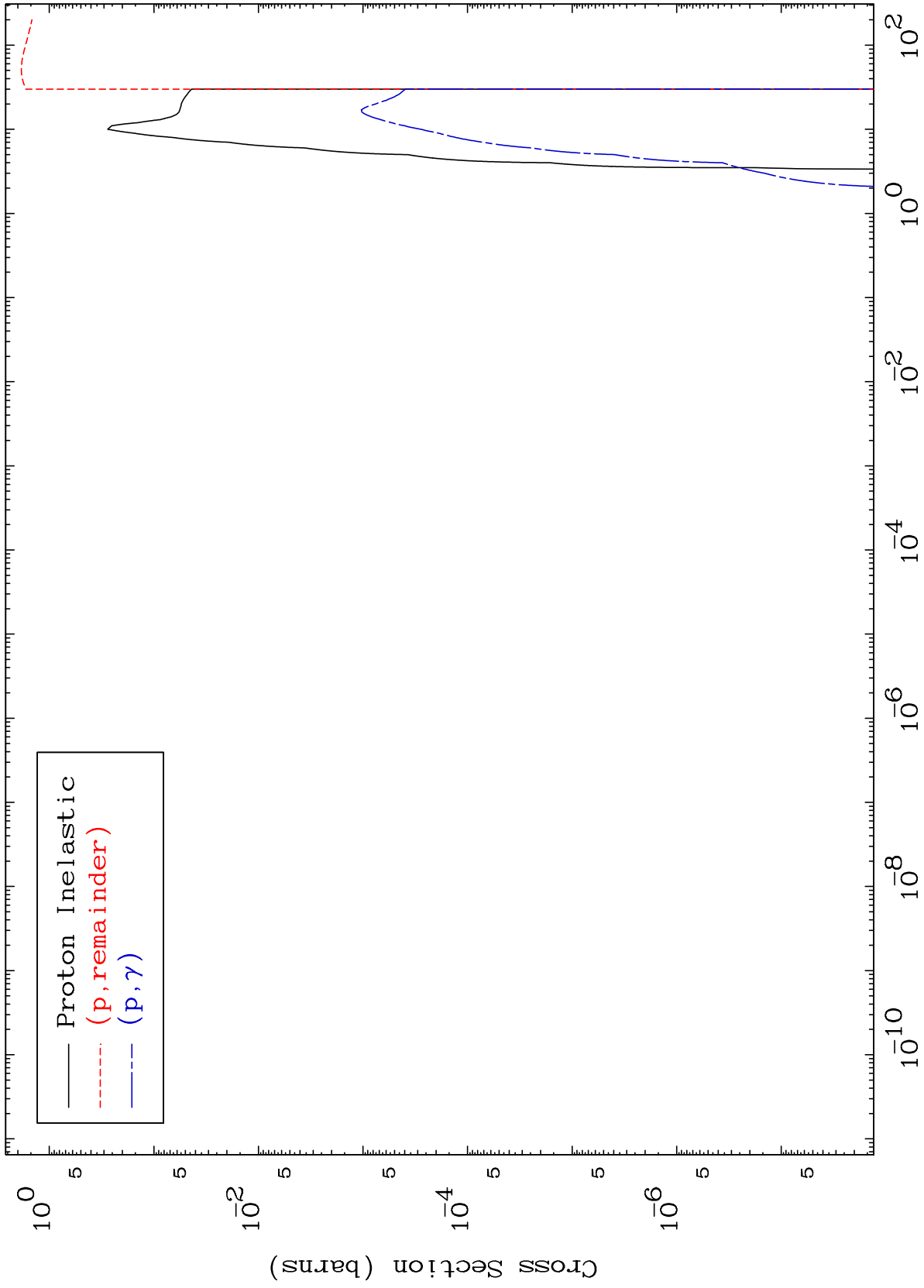
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7037

Proton Major
0 Kelvin Cross Sections

70-Yb-172

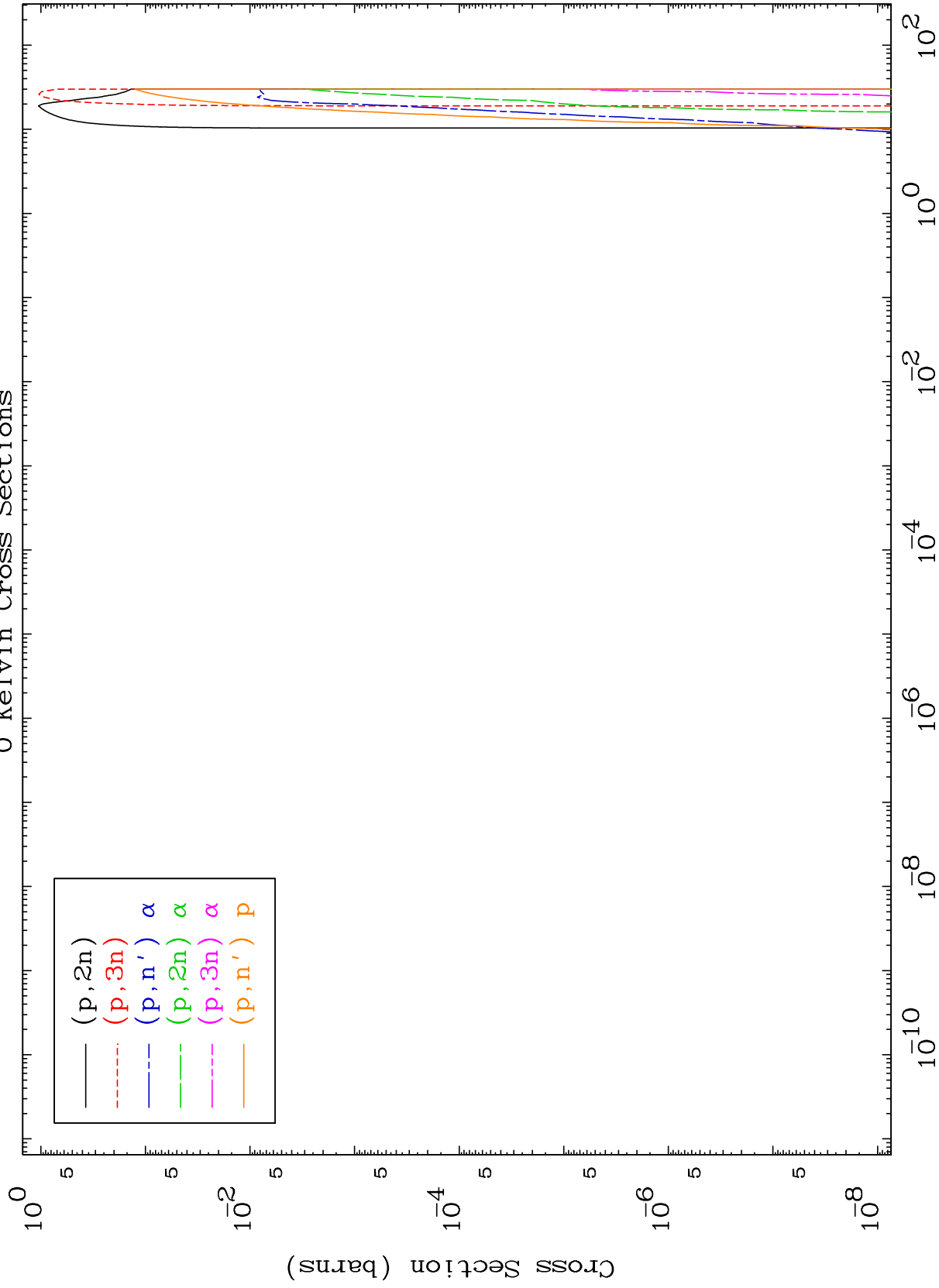


70-Yb-172

MAT 7037

Proton Neutron Production
0 Kelvin Cross Sections

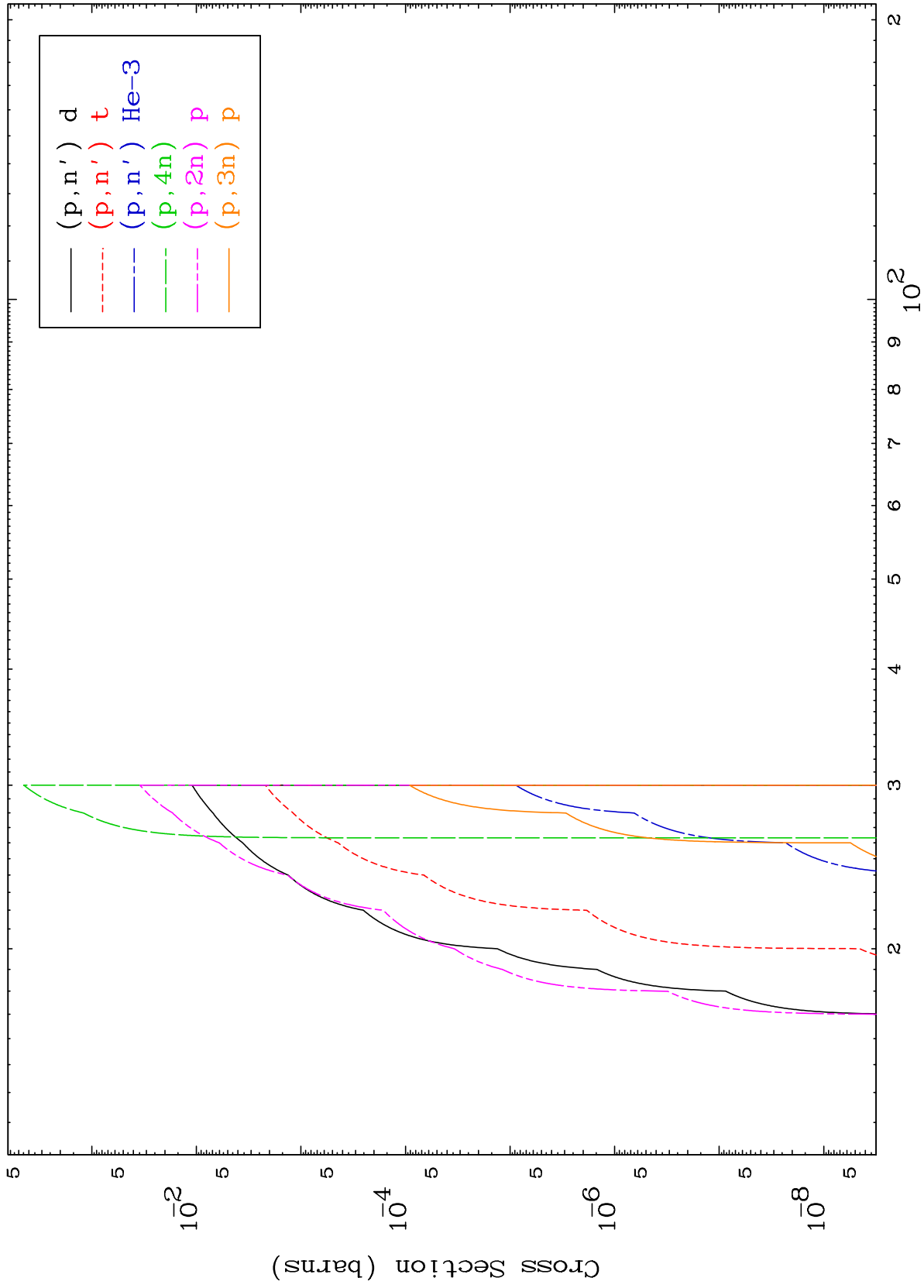
70-Yb-172



2

Incident Energy (MeV)

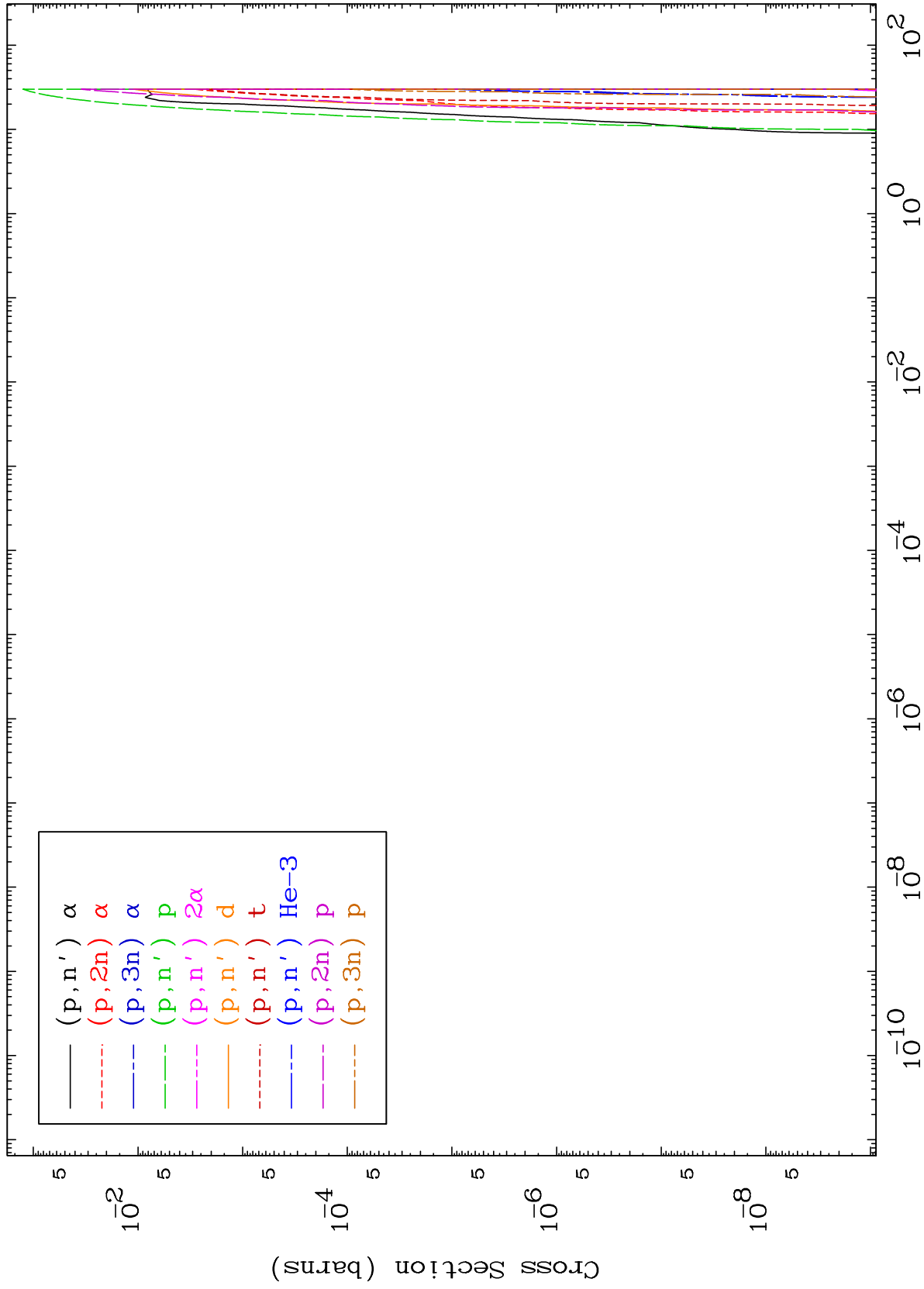
70-Yb-172



MAT 7037

Proton Charged Particle
0 Kelvin Cross Sections

70-Yb-172



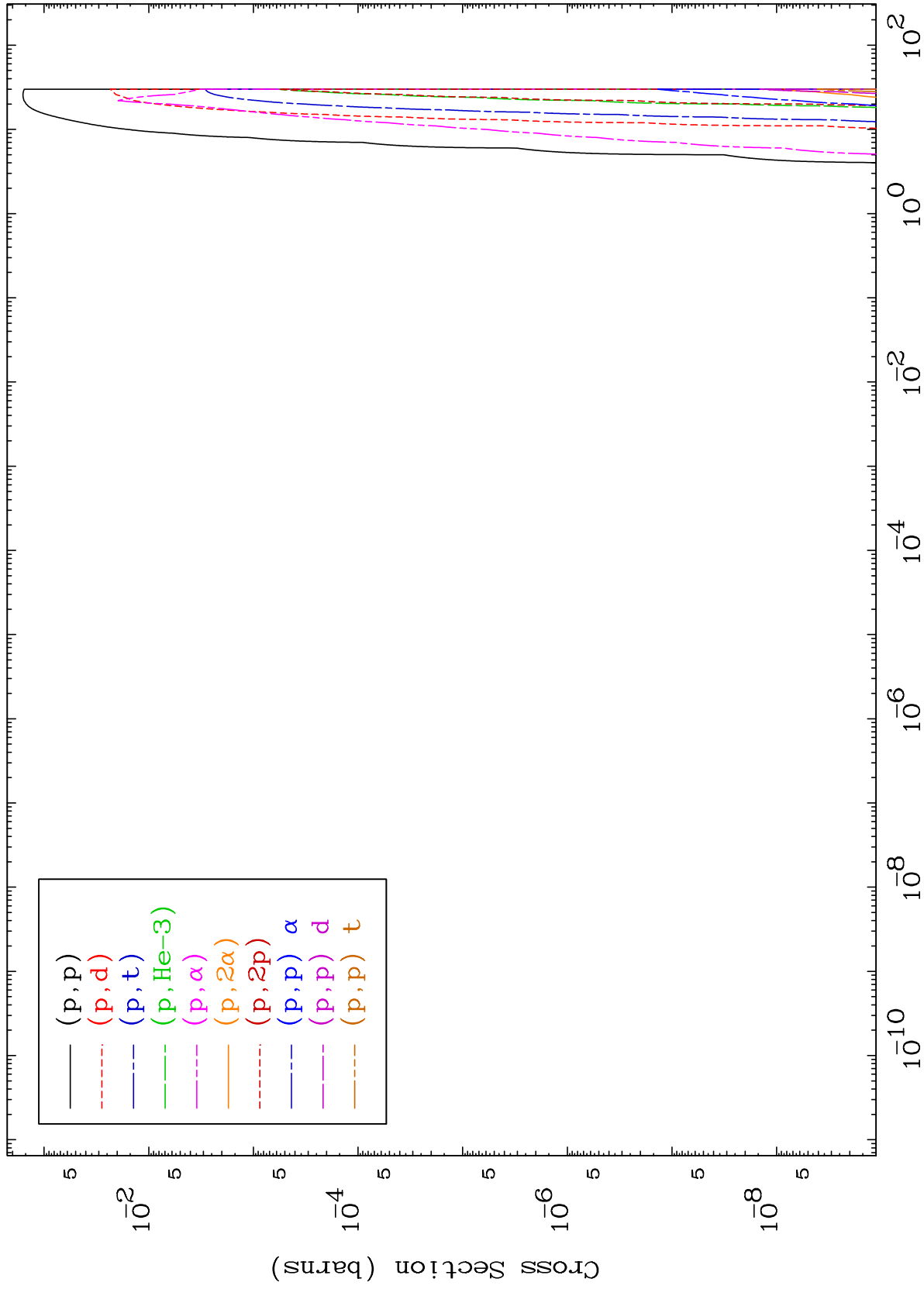
70-Yb-172

Incident Energy (MeV)

MAT 7037

Proton Charged Particle
0 Kelvin Cross Sections

70-Yb-172



5

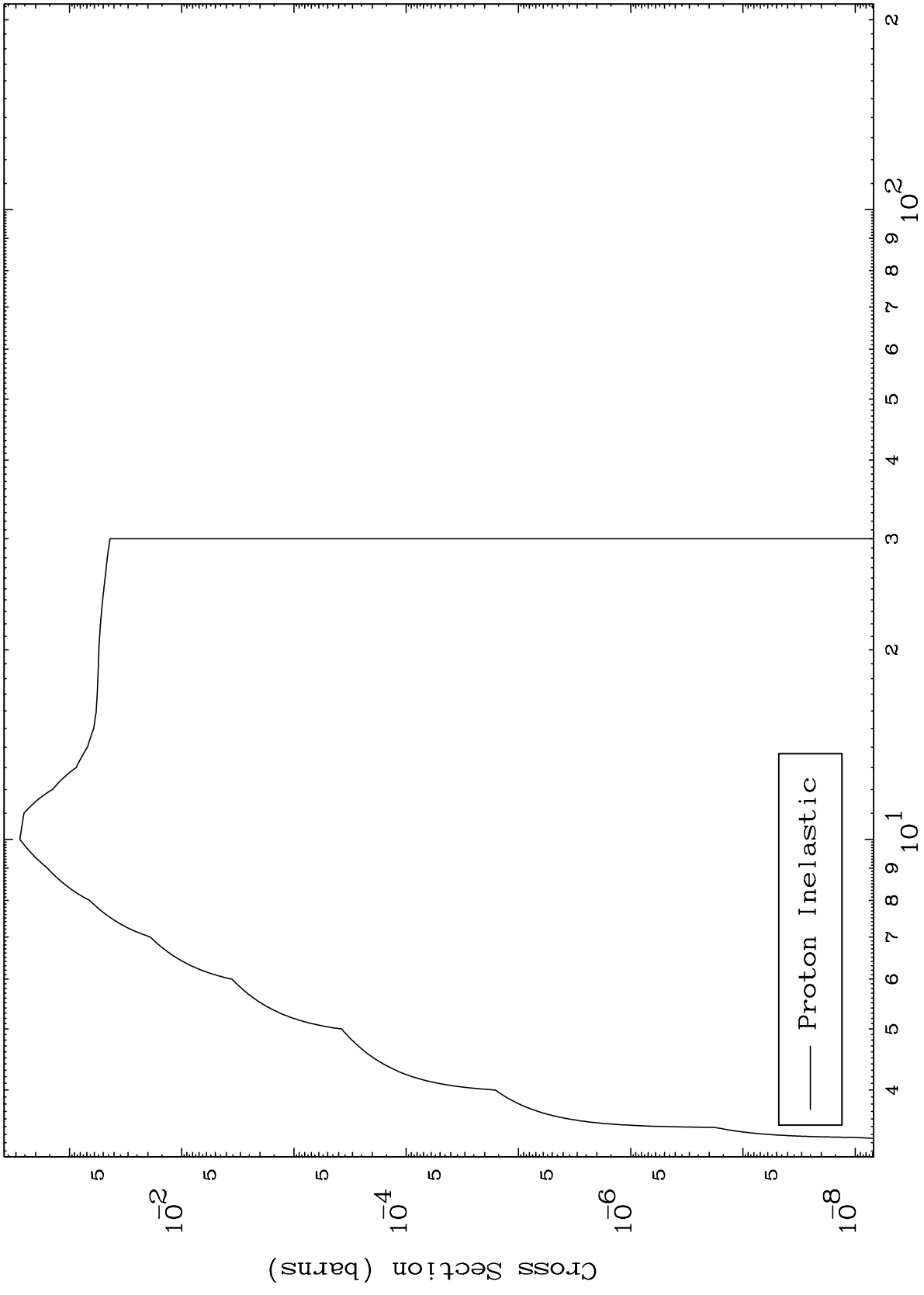
Incident Energy (MeV)

70-Yb-172

MAT 7037

(p,n') Level
0 Kelvin Cross Sections

70-Yb-172



6

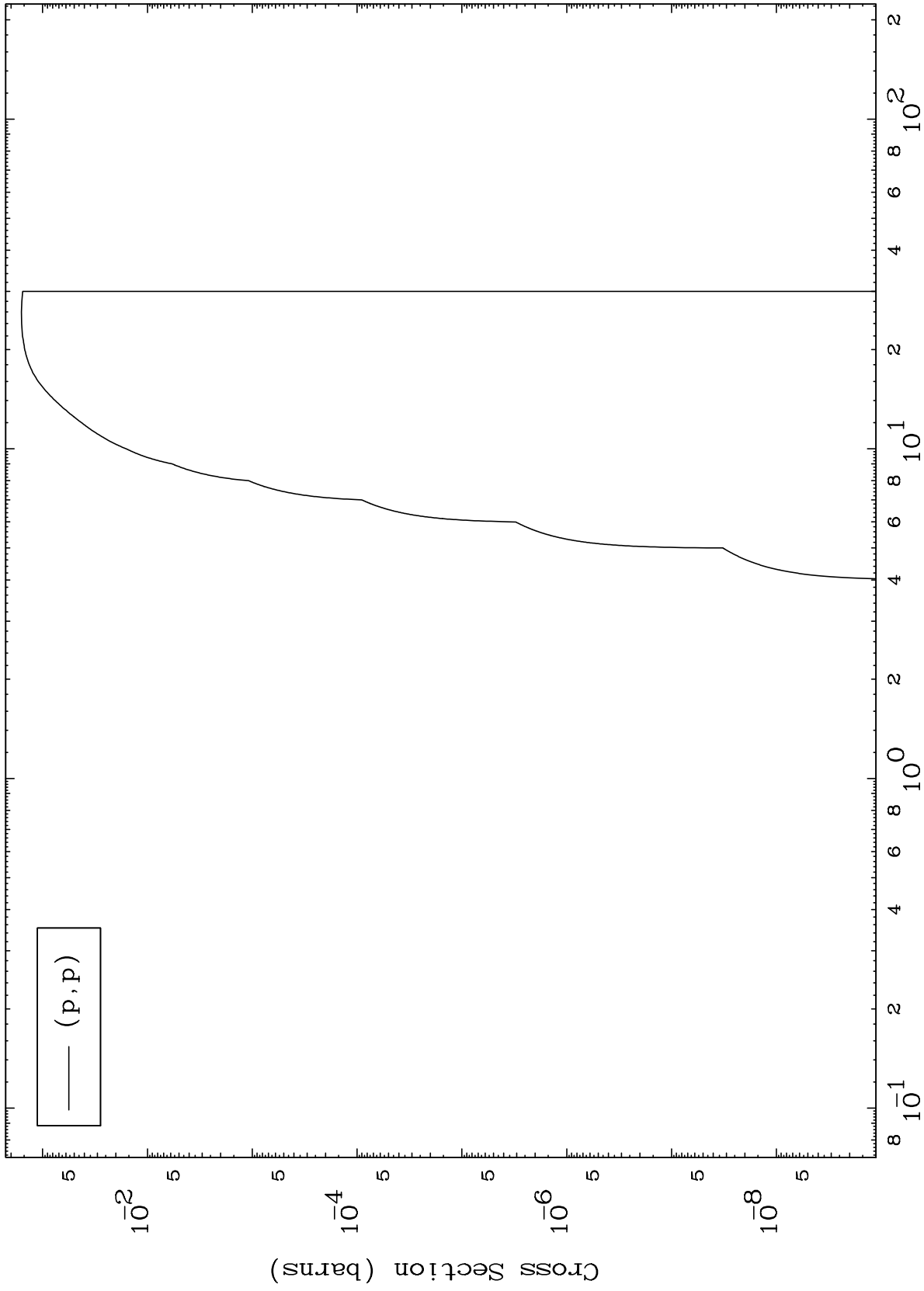
Incident Energy (MeV)

70-Yb-172

MAT 7037

(p,p) Levels
0 Kelvin Cross Sections

70-Yb-172



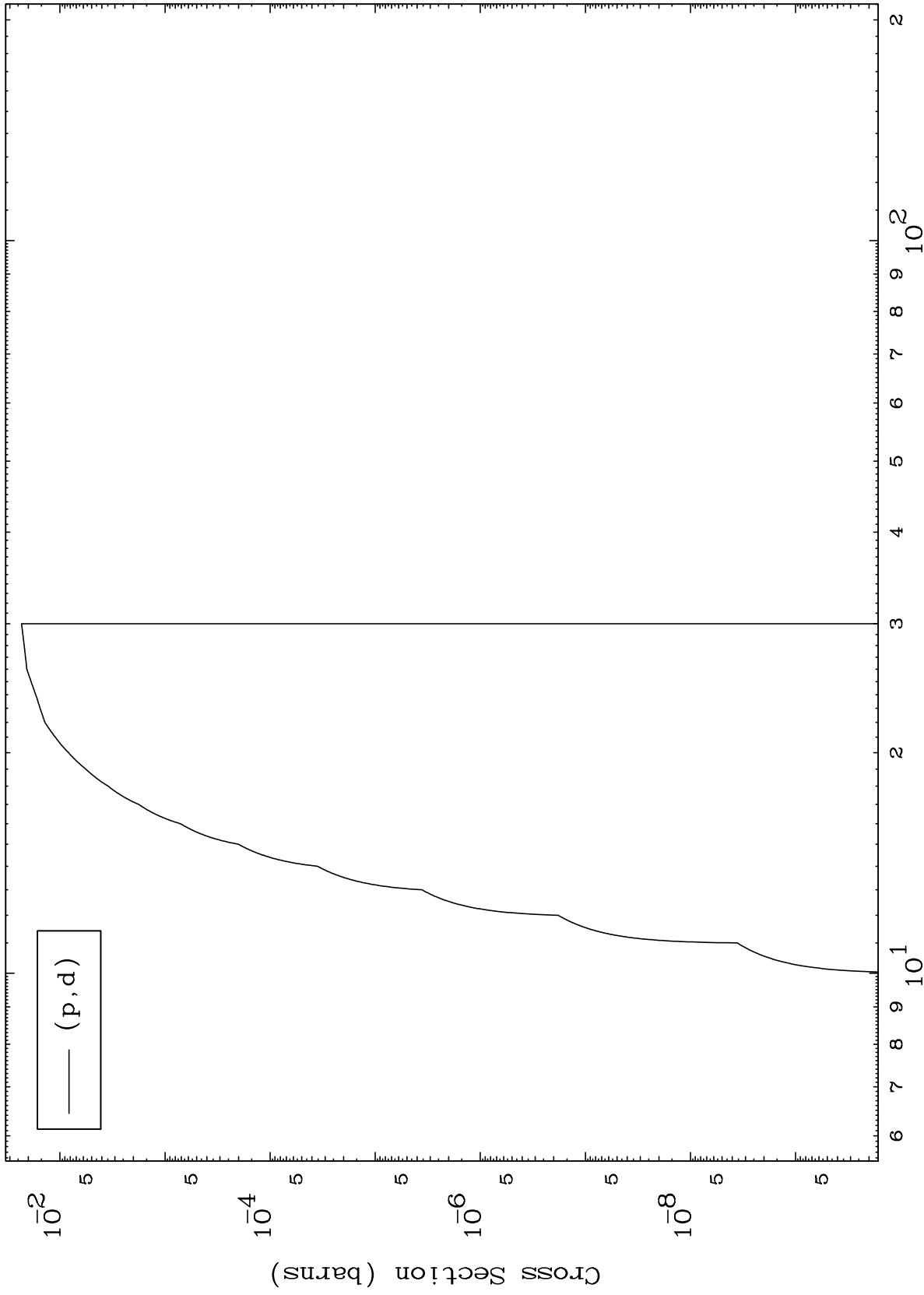
Incident Energy (MeV)

70-Yb-172

MAT 7037

(p,d) Levels
0 Kelvin Cross Sections

70-Yb-172



8

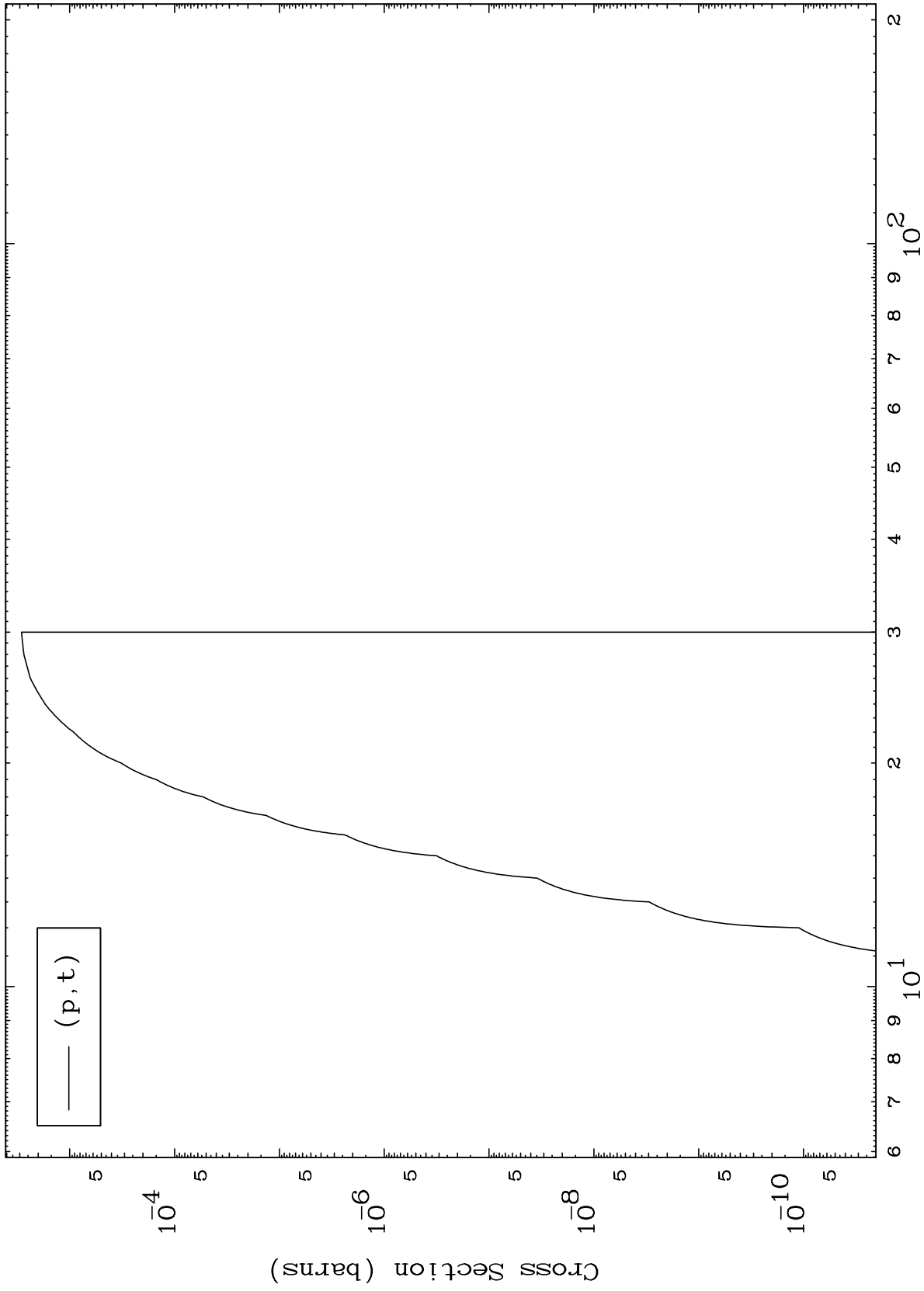
Incident Energy (MeV)

70-Yb-172

MAT 7037

(p,t) Levels
0 Kelvin Cross Sections

70-Yb-172



9

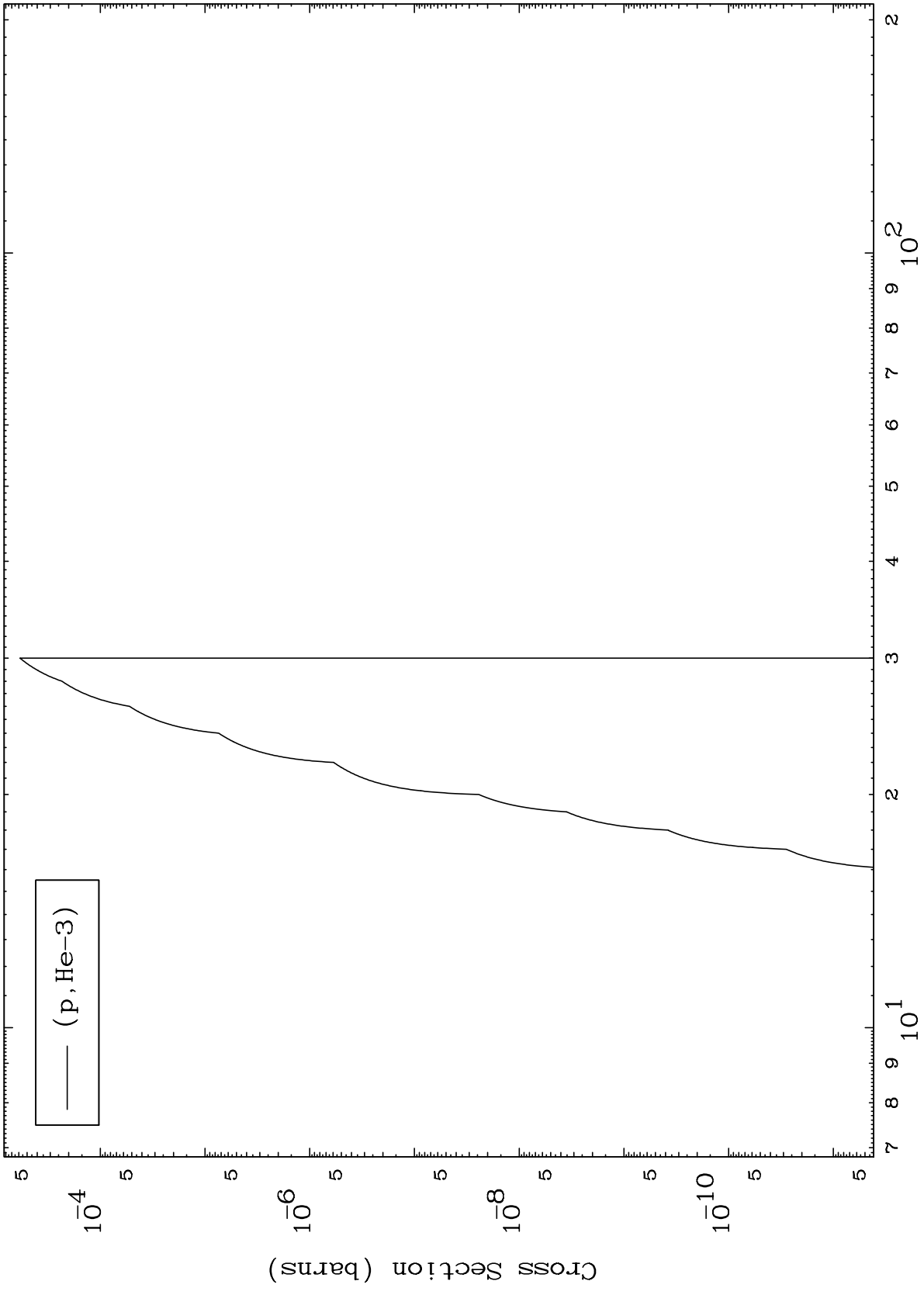
Incident Energy (MeV)

70-Yb-172

MAT 7037

(p,He3) Levels
0 Kelvin Cross Sections

70-Yb-172



10

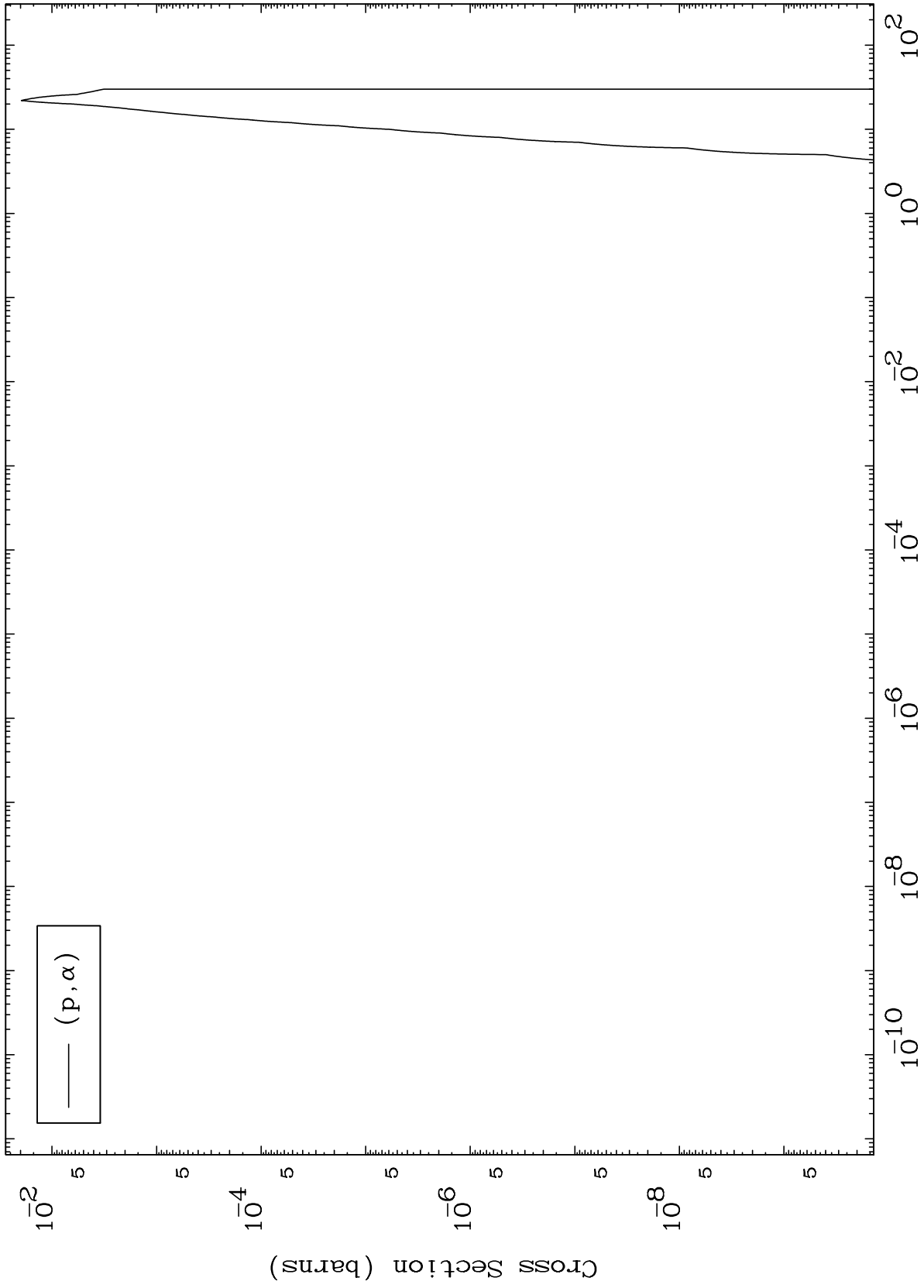
Incident Energy (MeV)

70-Yb-172

MAT 7037

(p,α) Levels
0 Kelvin Cross Sections

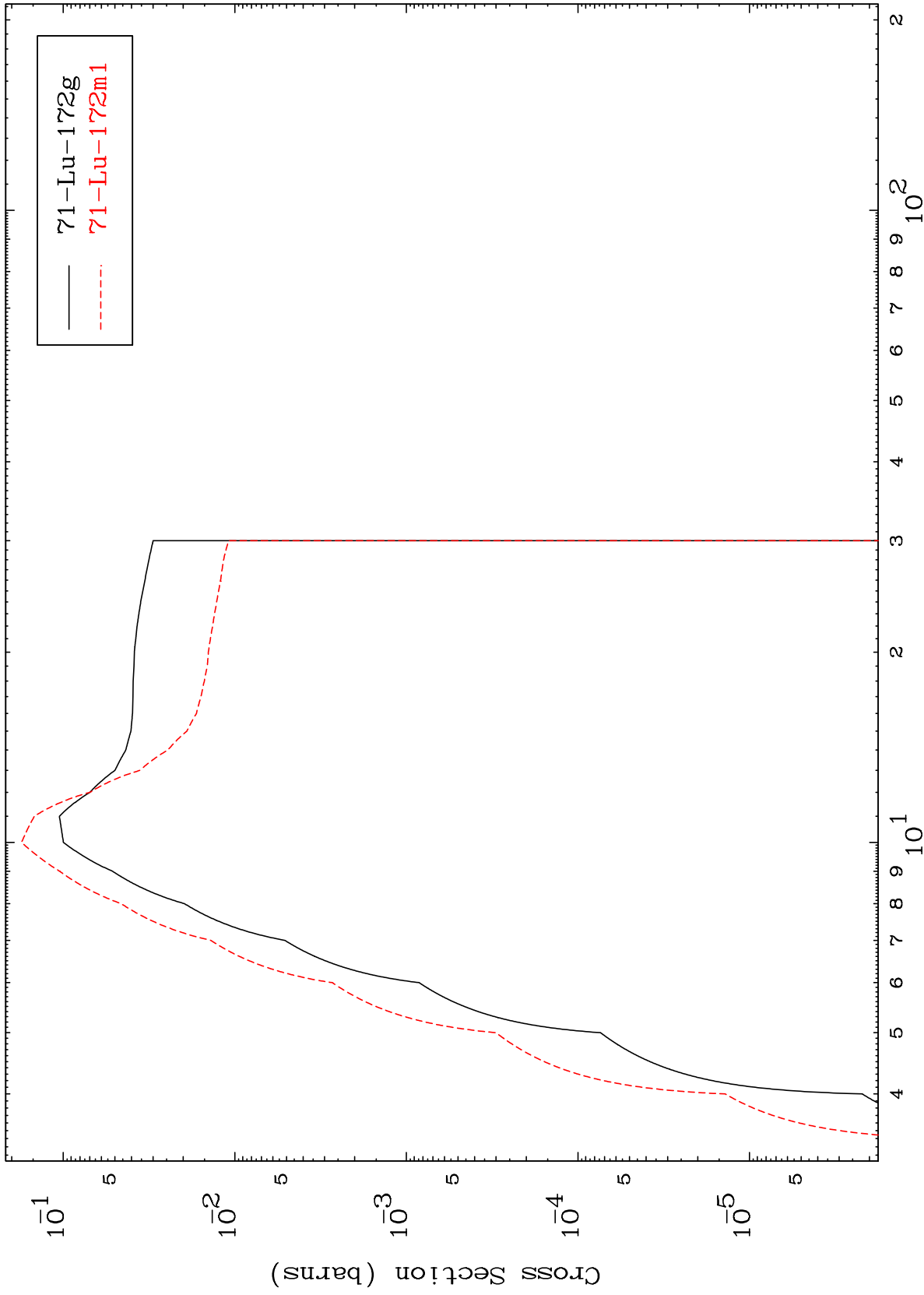
70-Yb-172



MAT 7037

Proton Inelastic
Radionuclide Production Cross Section

70-Yb-172



12

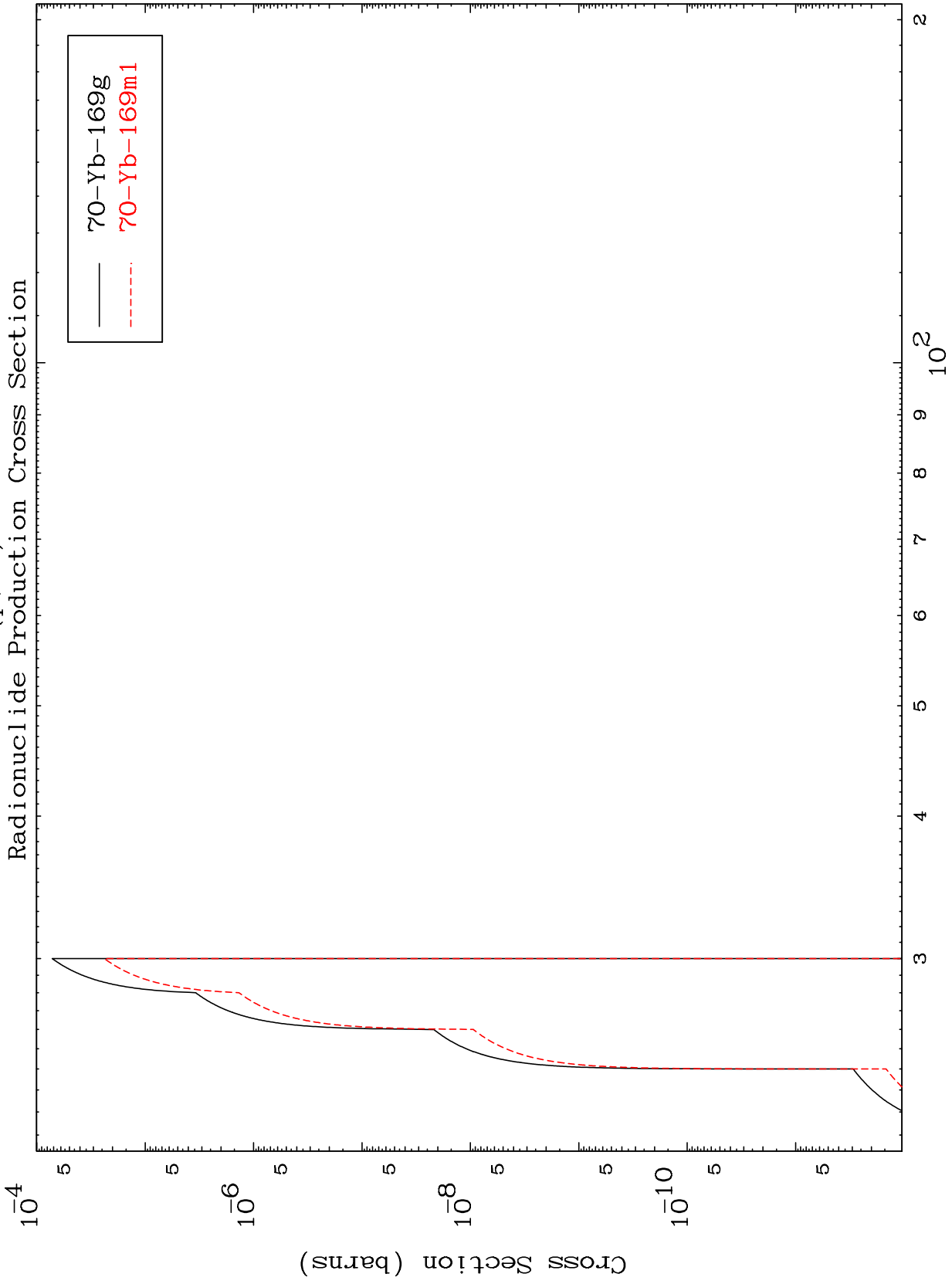
Incident Energy (MeV)

70-Yb-172

MAT 7037

(p,2n) d

70-Yb-172



70-Yb-172

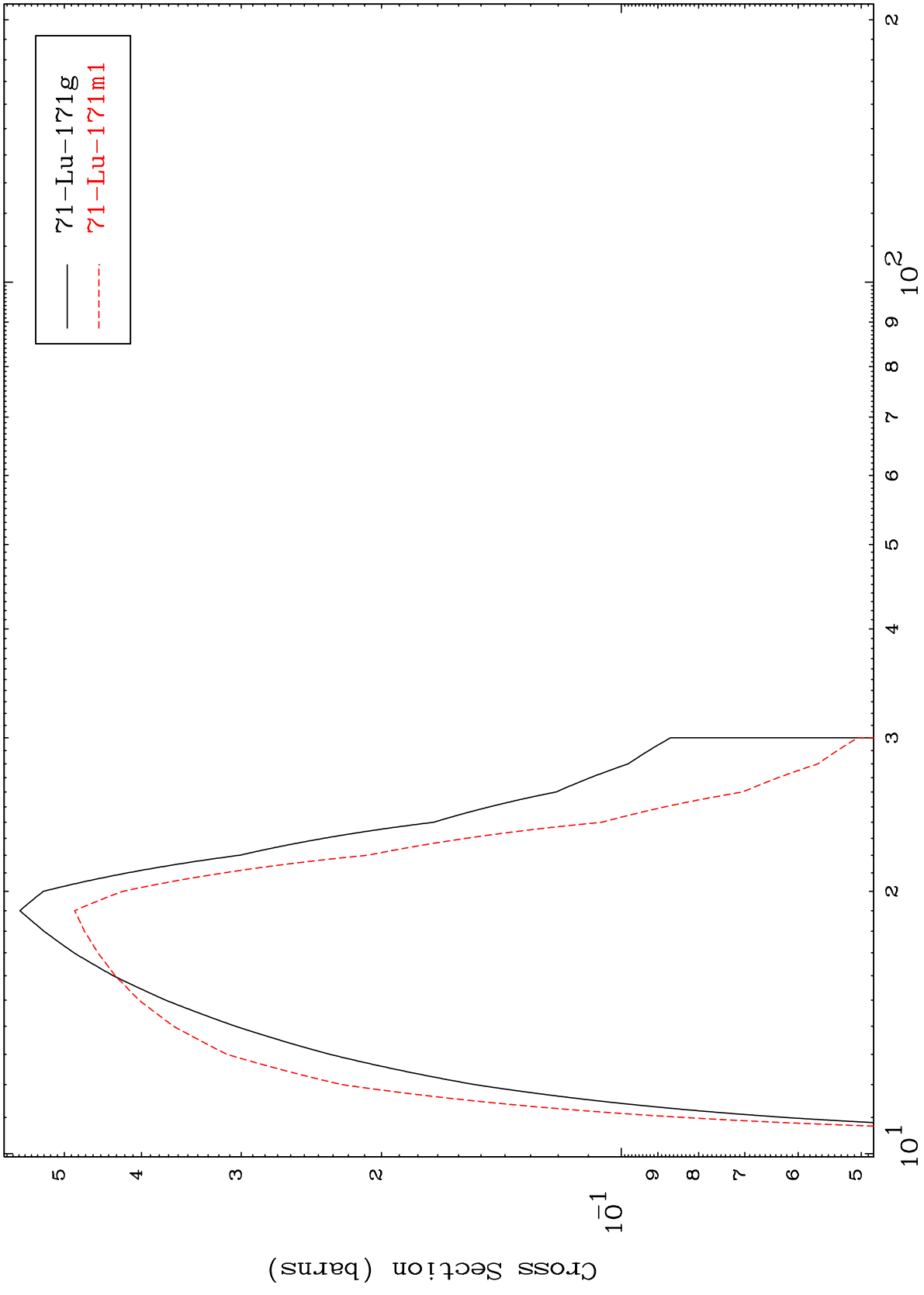
13

MAT 7037

(p,2n)

70-Yb-172

Radionuclide Production Cross Section



14

Incident Energy (MeV)

10²

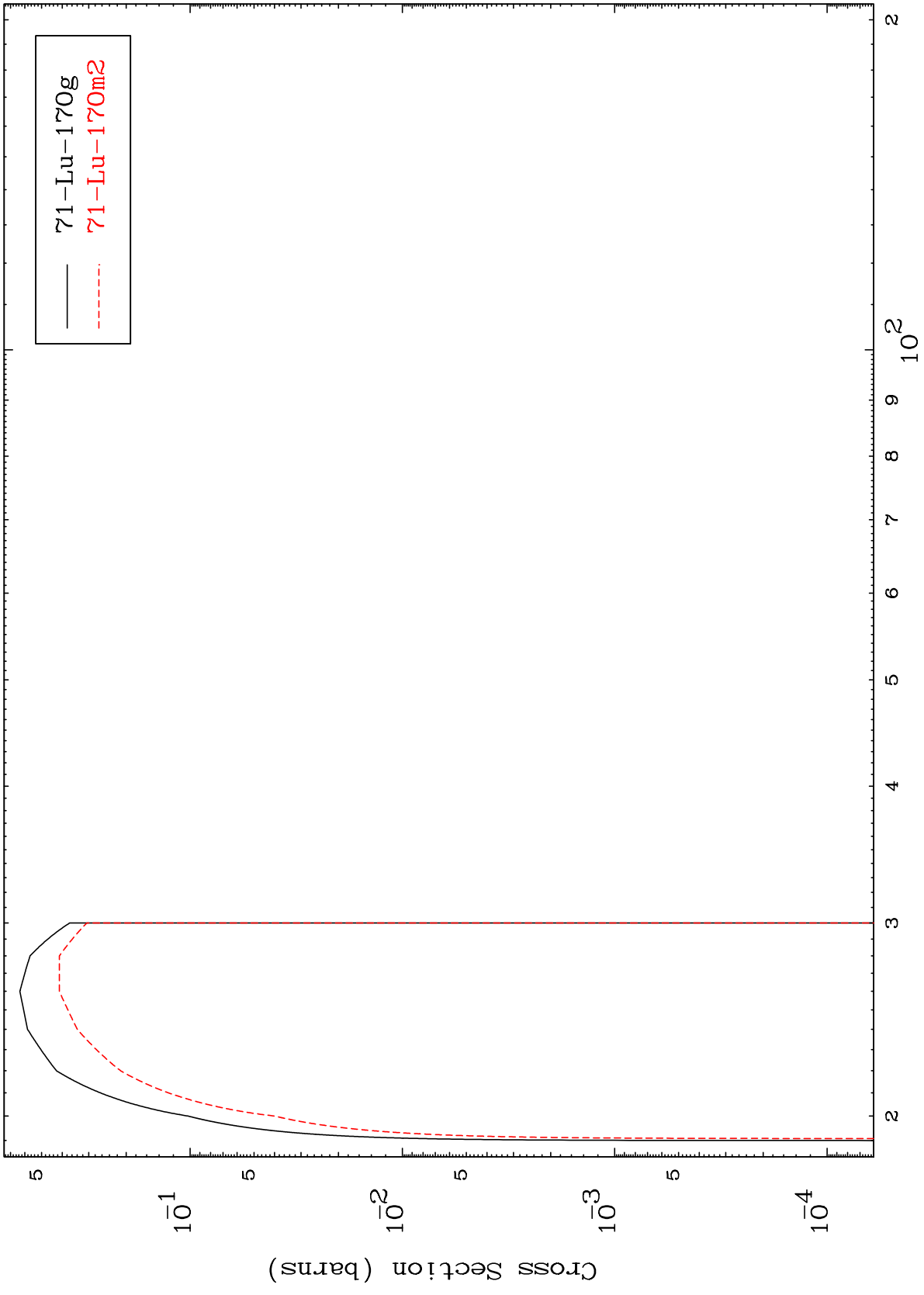
70-Yb-172

MAT 7037

(p,3n)

70-Yb-172

Radionuclide Production Cross Section



15

Incident Energy (MeV)

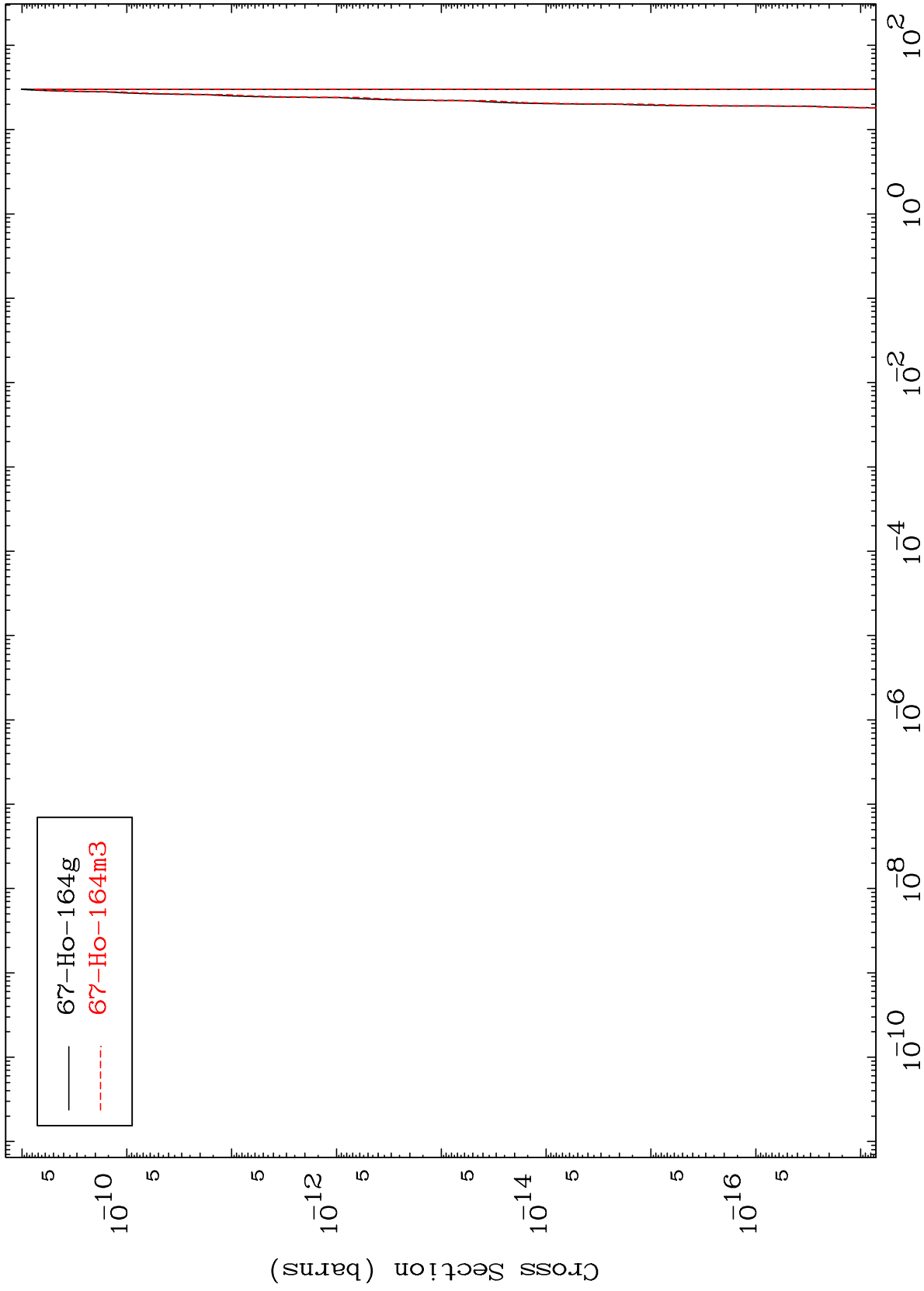
70-Yb-172

MAT 7037

(p,n') 2 α

70-Yb-172

Radionuclide Production Cross Section



16

Incident Energy (MeV)

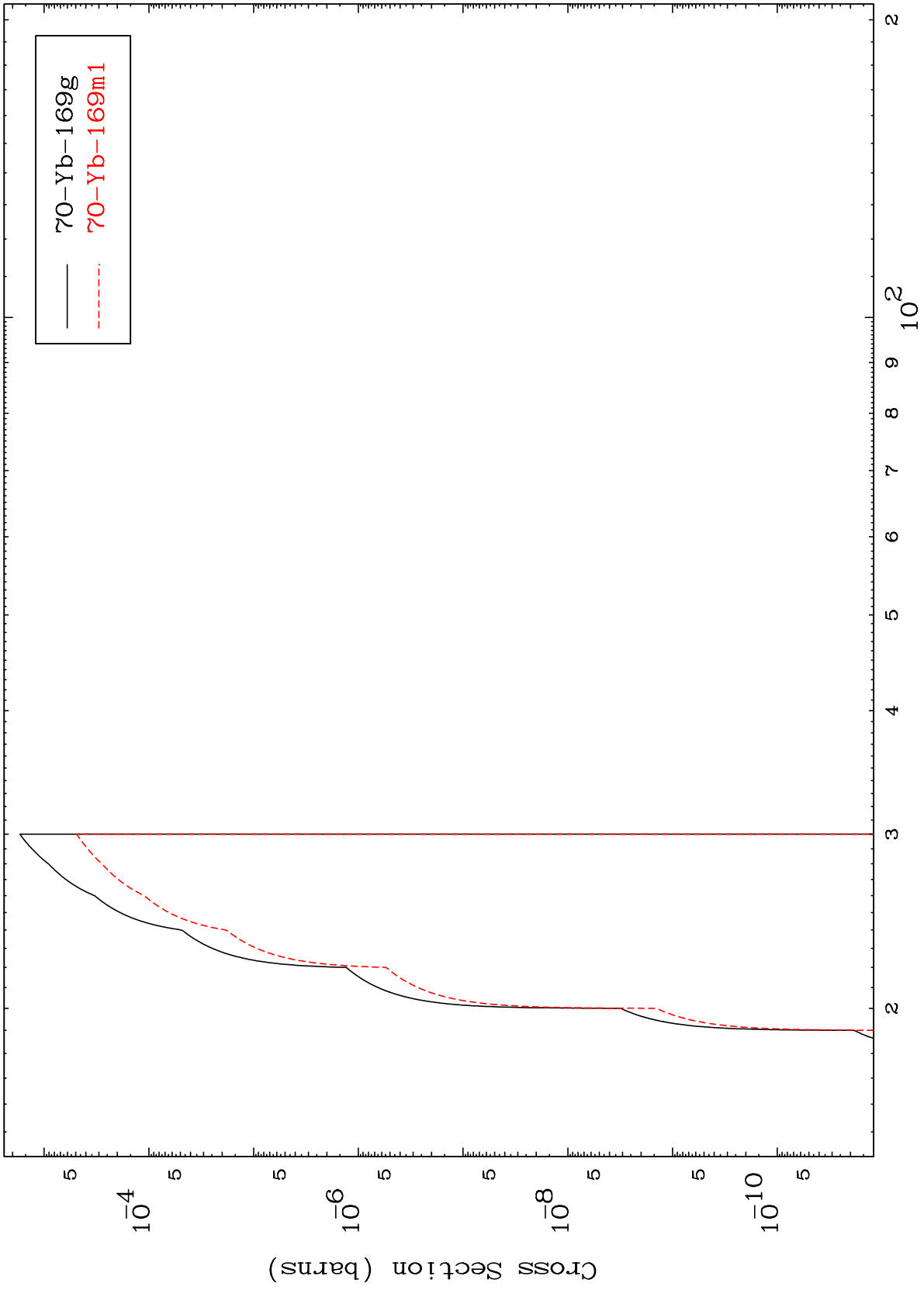
70-Yb-172

MAT 7037

(p,n') t

⁷⁰Yb-172

Radionuclide Production Cross Section



17

Incident Energy (MeV)

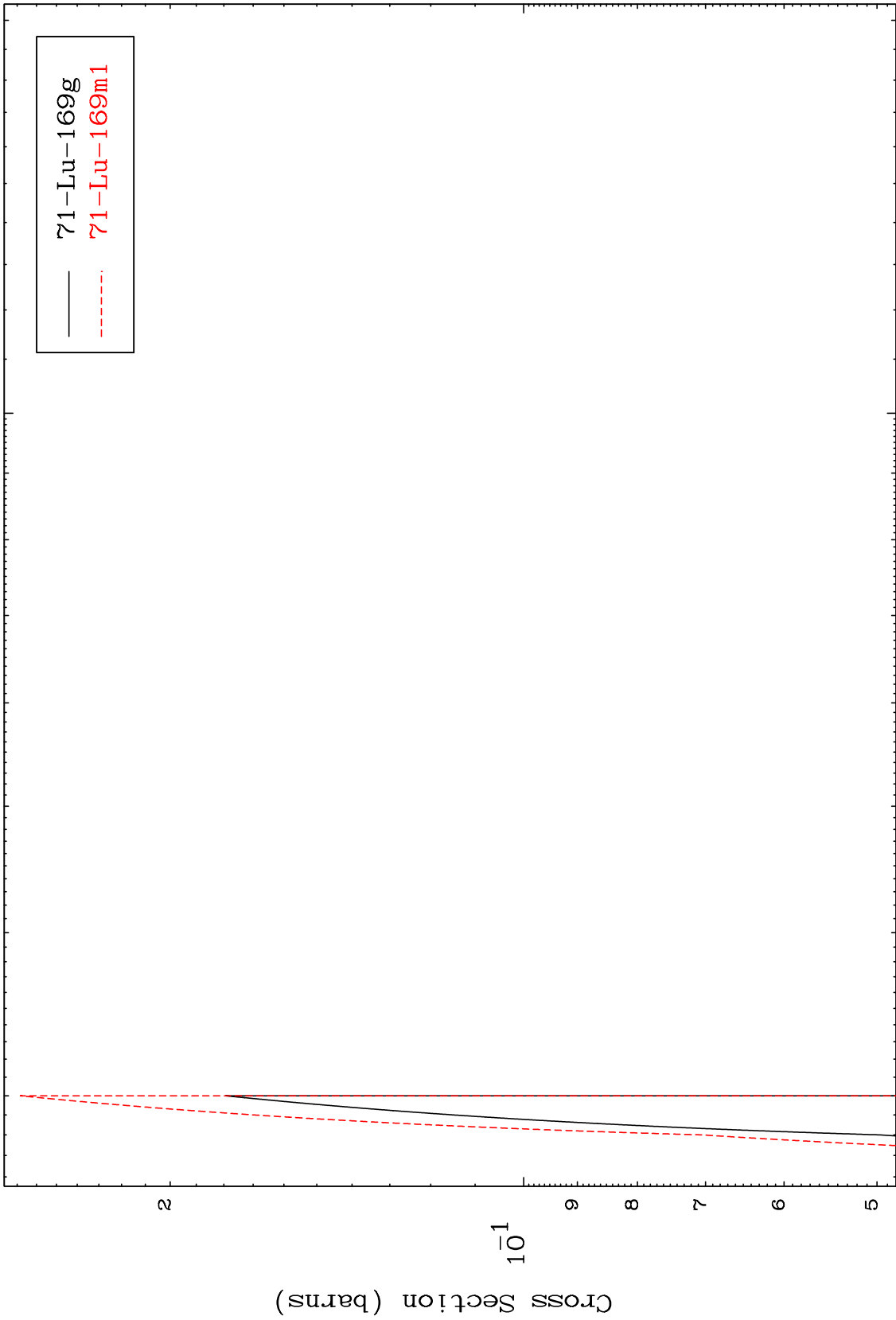
⁷⁰Yb-172

MAT 7037

(p,4n)

70-Yb-172

Radionuclide Production Cross Section



71-Lu-169g
71-Lu-169m1

18

Incident Energy (MeV)

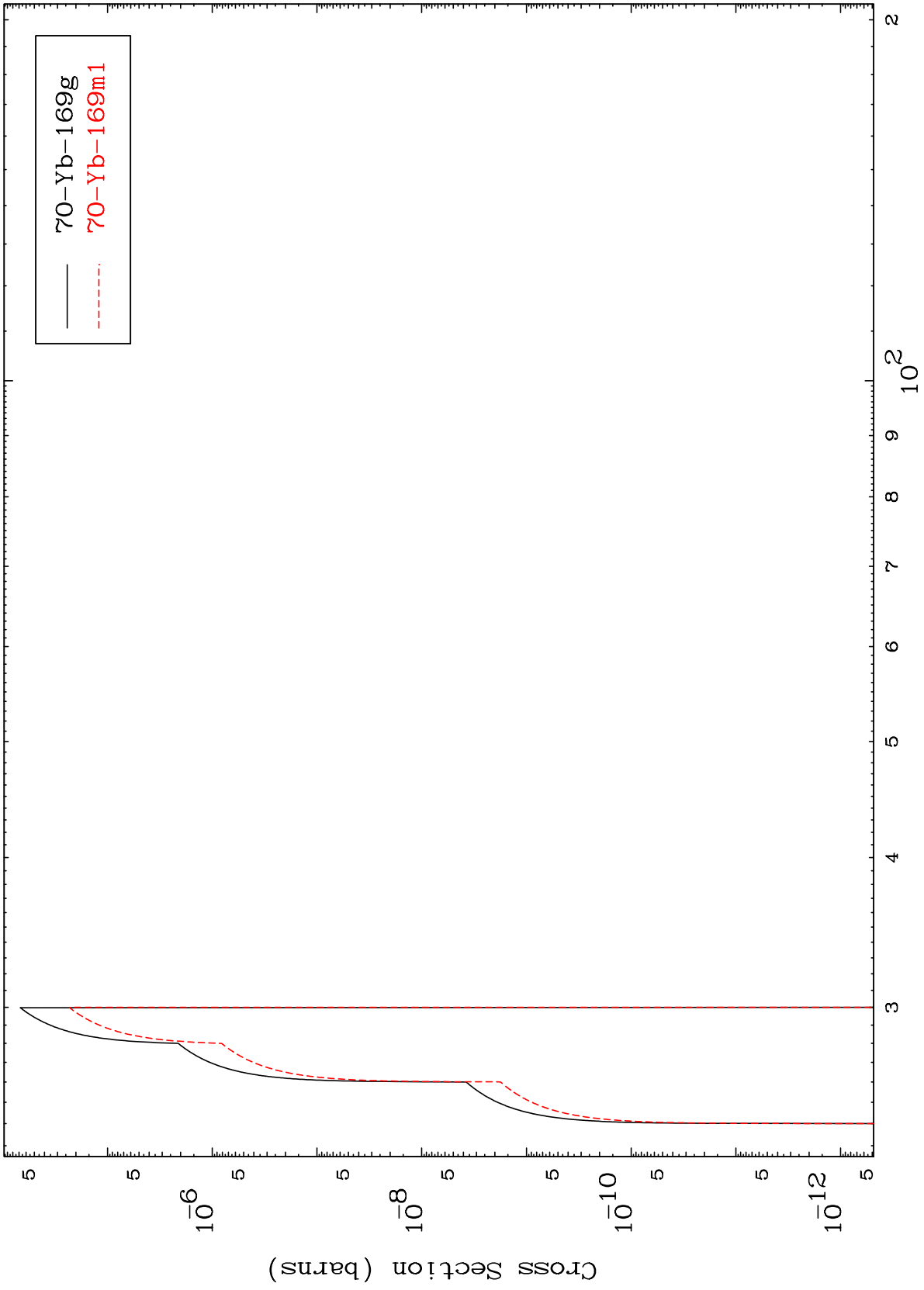
70-Yb-172

MAT 7037

(p,3n) p

⁷⁰Yb-172

Radionuclide Production Cross Section



19

Incident Energy (MeV)

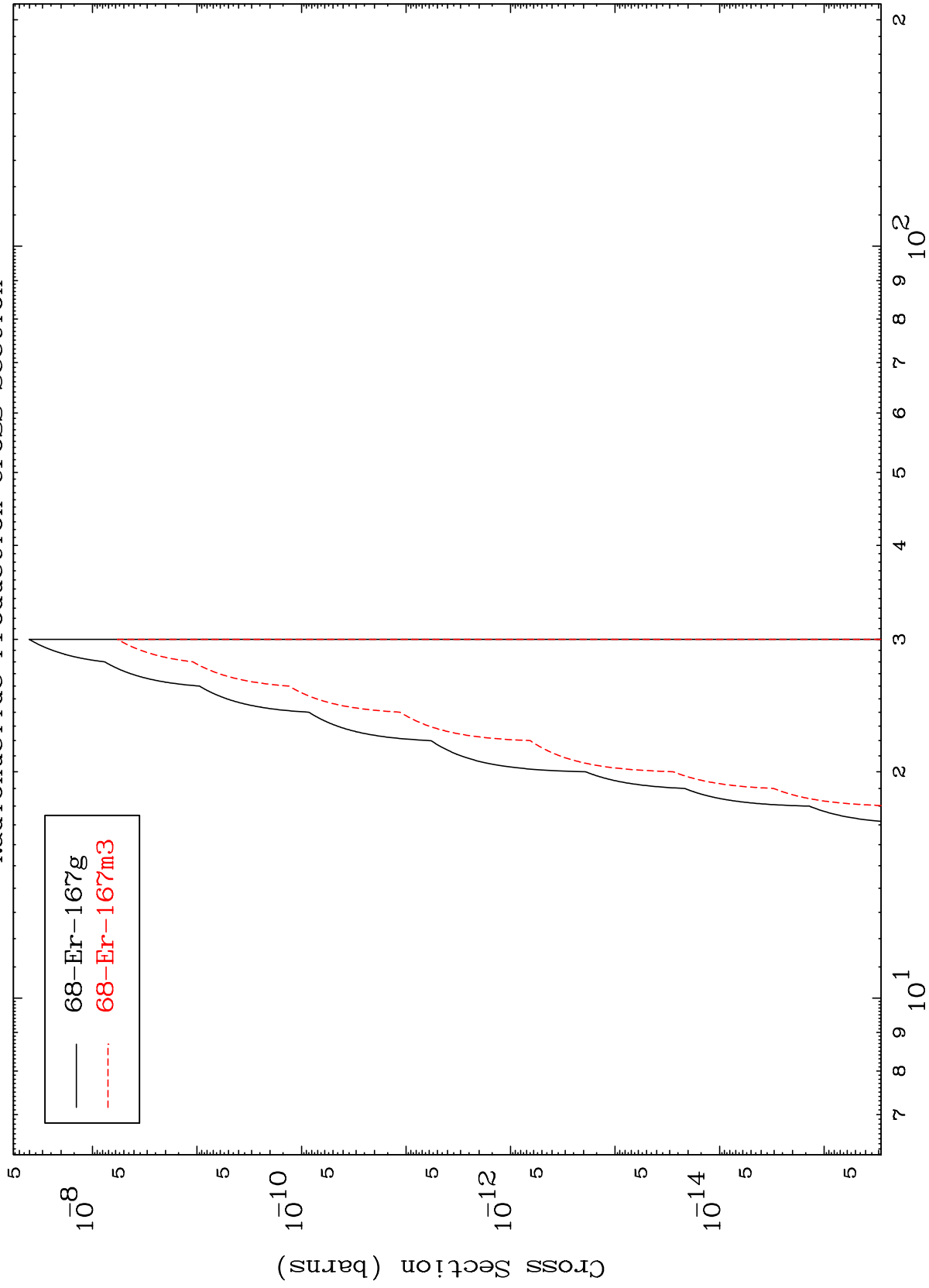
⁷⁰Yb-172

MAT 7037

(p,n') p α

70-Yb-172

Radionuclide Production Cross Section



20

Incident Energy (MeV)

70-Yb-172

MAT 7037

(p,d) α

70-Yb-172

